

# ADOBE ROAD AT E. WASHINGTON STREET SIGNAL

MTC  
Air Quality Conformity  
Task Force Meeting

May 28, 2015

Sonoma County Transportation and  
Public Works

# PROJECT DESCRIPTION

Install traffic signal at existing all-way stop controlled T-intersection

Add turn lanes by widening roadway and shoulders

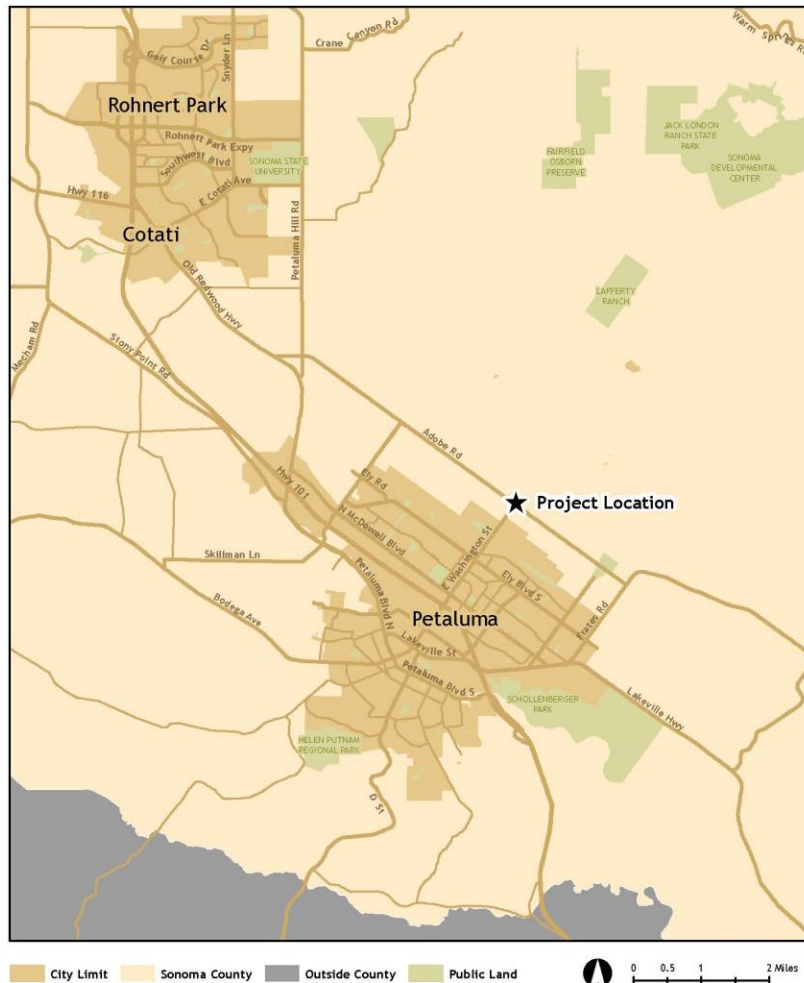
Lengthen existing box culvert to allow for roadway widening

Add bicycle lanes

# PROJECT VICINITY MAP

## Location Map

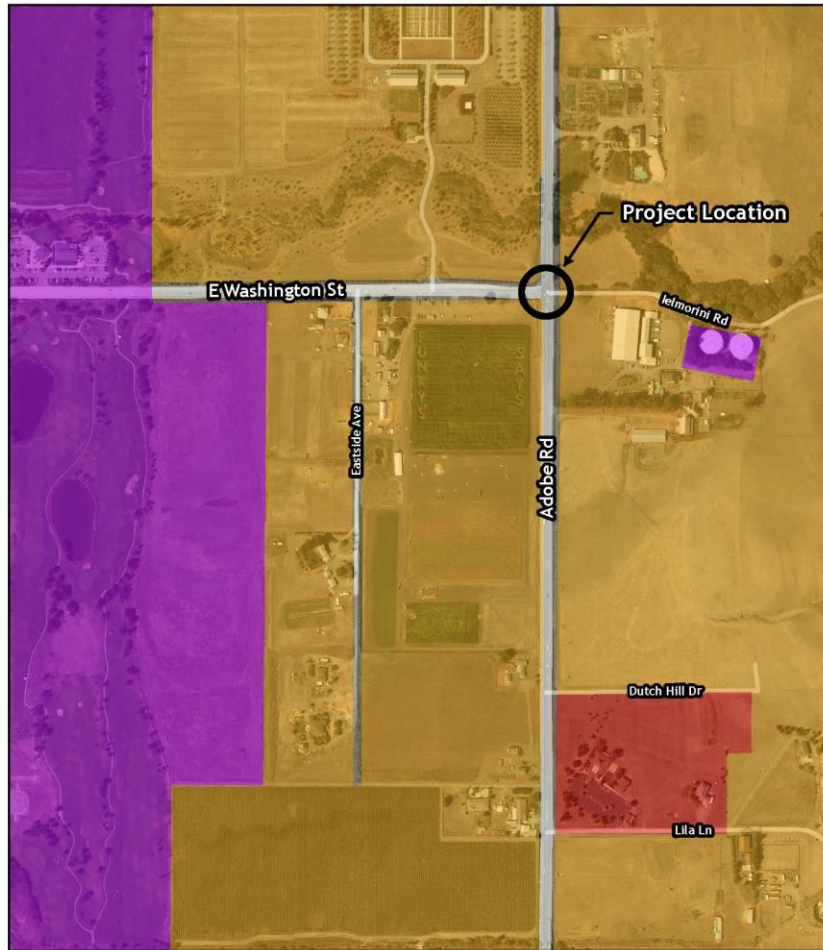
## Adobe Road at East Washington Road Signalization Project



# LAND USE MAP

## Surrounding Land Use

Adobe Road at East Washington Road Signalization Project



Land Use:

Diverse Agriculture  Public Facilities  City of Petaluma



0 250 500 Feet

# OPENING YEAR

Scenario	AADT	Truck AADT	% Trucks
Adobe Road Build Scenario	14,850	890	6.00%
E. Washington St. Build Alternative	4,318	259	6.00%
Adobe Road No Build Alternative	14,850	890	6.00%
E. Washington St. No Build Alternative	4,318	259	6.00%

Note: Traffic Counts collected in 2014.

Truck percentages are estimated from Caltrans' *2009 Annual Average Daily Truck Traffic on the California State Highway System*.

# HORIZON YEAR (2035)

Scenario	AADT	Truck AADT	% Trucks
Adobe Road Build Scenario	16,490	989	6.00%
E. Washington St. Build Alternative	4,790	287	6.00%
Adobe Road No Build Alternative	16,490	989	6.00%
E. Washington St. No Build Alternative	4,790	287	6.00%

Note: Traffic Counts collected in 2014.

Truck percentages are estimated from Caltrans' *2009 Annual Average Daily Truck Traffic on the California State Highway System*.

# PROJECT SCHEDULE

Preliminary Engineering Approval 2011

NEPA clearance July 2012

R/W Certification 2014

Construction 2015

# PROJECT ASSESSMENT CONCLUSIONS

1. Project is not a new or expanded highway project with a significant number of or increase in diesel vehicles.
2. The project does not include intersections that are or will be at D, E or F with a significant number of diesel vehicles.
3. The project does not include the construction of a new bus or rail terminal with a significant number of diesel vehicles congregating at a single location.
4. The project does not expand an existing bus or rail terminal with a significant number of diesel vehicles congregating at a single location.
5. The project is not in or affecting location, areas, or categories of sites that are identified in the PM 2.5 applicable implementation plan or implementation plan submission, as appropriate, as sites of violation or possible violation.



# PROJECT CONCLUSION SUMMARY

The project is the conversion of the traffic control at the Adobe Road and East Washington Street intersection from all-way stop control to traffic signal control.

The conversion in traffic control results in reduced vehicle delay and congestion.

Therefore, the project meets the Clean Air Act requirements and 40 CFR 93.116 without any explicit hot-spot analysis.

**This project is not an air quality concern.**

